

Morbidity and Mortality

Weekly
Report



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Public Health Service

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Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended August 21, 1954

The number of poliomyelitis cases reported in the current week (2,207) is slightly over 15 percent greater than the number for the previous week. For the same week in 1953 the number was 2,250, and in 1952 it was 3,501. The cumulative total for the calendar year is 14,904 as compared with 15,954 in 1953, and 19,830 in 1952. Cumulative totals for the "disease years" are 13,353, 14,373, and 18,575, respectively, for 1954, 1953, and 1952.

The States reporting the largest numbers of cases of poliomyelitis since the beginning of the "disease year" (about April 1) are: California, 1,873; Texas, 1,742; Michigan, 711; Florida, 685; and Ohio, 631. One year ago the following States had reported the largest numbers for the same period: California (1,272), Texas (1,062), New York (1,012), Ohio (927), and Minnesota (862). In 1952, States with the largest numbers were: Texas (2,493), Iowa (976), Ohio (910), California (803), and Michigan (829). Thus, California, Texas, and Ohio have reported relatively large numbers in each of the 3 years, and Michigan in 2 of the 3 years. All of these have large populations.

However, case rates (numbers of cases per 100,000 population) have not been highest in many States reporting large numbers of cases. For the 20-week period since the beginning of the current "disease year," the case or incidence rate has been highest in Wyoming followed by Nevada, Texas, Florida, and Iowa in that order. In 1953, Minnesota reported the highest rate through the 20th week, followed by Arizona, Oklahoma, North Carolina, and Tennessee. In 1952, Nebraska headed the list followed by Iowa, Texas, New Mexico, and Oklahoma. No one State was among the 5 with highest rates in each of the last 3 years, although Iowa and Texas appeared in 2.

In Ohio, more than one-half of the cases reported since April 1 have been concentrated in 6 counties having large urban populations. More than one-half of those in Illinois have been reported from Cook County, and a large proportion of the cases in Michigan have occurred in the counties with large urban populations. In Iowa, Nebraska, and Kansas cases have been scattered, and few have been reported from counties where there was an excessively high incidence in 1952. Eight counties in Florida have reported nearly two-thirds of the total for the State. Four of the 8 counties are along the Atlantic coast, 3 in the west central, and 1 in the northwestern part of the State. In Mississippi, 2 counties located in the west central part of the State have reported about one-sixth of the total. Slightly more than one-half of the cases reported in Kentucky have been in Jefferson County (Louisville). In Oklahoma, a large proportion of cases reported have been in Oklahoma and Tulsa Counties, particularly, the latter. In Texas, cases have occurred in all parts of the State and a large percentage have been in counties with large urban population. One county in Wyoming (Big Horn) reported 41 of the 90 cases reported in the State up to August 14. In California, 5 counties in the southern part of the State have reported nearly 60 percent of the total. A few counties in the central part have also reported a relatively large number.

Alaska and Hawaii have also reported a high incidence of poliomyelitis this year. The former has reported 162 cases and the latter 201 since the first of the year.

For the current disease year 37 percent of the cases have been reported as paralytic, 32 percent nonparalytic, and 31 percent were unspecified.

EPIDEMIOLOGICAL REPORTS

Botulism

Dr. C. P. Bernet, Colorado Department of Public Health, has reported 2 fatal cases of botulism. The persons affected lived on a farm and had eaten home-canned asparagus.

Infectious encephalitis

The California Department of Public Health reports that hospital admissions of persons having suggestive symptoms of arthropod-borne encephalitis increased during the first 2 weeks of August. Laboratory confirmation has been obtained on 7 cases so far this summer—3 of western equine and 4 of St. Louis types of infection. Although the level of suspect cases is slightly higher than last year, no unusual incidence is expected this year. Ten cases of equine encephalomyelitis were reported in July in 6 counties.

Psittacosis

Dr. W. M. Moore, Ohio Department of Health, has reported a case of psittacosis in a 53-year old woman. The patient raised parakeets and had obtained 2 dozen birds from an aviary in Florida 2 weeks prior to her illness. Some of the birds died in shipment. Twenty-seven parakeets and a cockateel from the patient's aviary were submitted for laboratory study. Psittacosis virus was isolated from one of the remaining parakeets obtained from Florida and from the cockateel.

Anthrax in animals

In its monthly report for July on anthrax, the U. S. Department of Agriculture has summarized the outbreak in Louisiana. A total of 1,000 cattle was reported to have the disease and also 297 horses, 108 swine, and 3 sheep. Extensive outbreaks occurred on the marsh pastures southeast of New Orleans. This is the first serious epidemic in this district in 20 years. The suspected source of infection is soil. During July, 7 other States reported 9 separate outbreaks of anthrax in animals, principally among cattle.

Salmonellosis

Dr. J. W. Jackson, Indiana Board of Health, has reported a case of salmonellosis (paratyphoid A). The patient drank water from a creek which flowed through the town where she lived. Although the patient was moribund when admitted to a hospital, she responded dramatically to antibiotic treatment.

Shigellosis

Dr. R. D. Fear, New York State District Health Officer, reports that 5 of 100 patients in one ward of a hospital developed dysentery. *Shigella flexner* type A organisms were isolated. Mass sulfadiazine prophylaxis brought the disease under control.

Infectious hepatitis

Dr. R. M. Albrecht, New York State Department of Health, has reported a small outbreak of infectious hepatitis among 846 persons, in a housing development. Just preceding and during the period July 17 to 29, when all the cases occurred, there were two waves of gastro-enteritis. No common source of infection

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could be found. Gamma globulin was given to 641 residents on July 28 and 29, and as of August 6, no new cases of hepatitis had occurred.

Dr. U. P. Kokko, Kentucky Department of Health, has given a preliminary report on an outbreak of infectious hepatitis. At first it was suspected that the outbreak might be in connection with a typhoid immunization program, but epidemiologic study has not borne out this suspicion. A total of 64 cases has been reported, and secondary attack rates are reported to be high.

Gastro-enteritis

Dr. W. R. Donovan, New York State District Health Officer, has reported an outbreak of gastro-enteritis in a girls camp.

Sixty-eight of the 128 persons in the camp were ill 12 to 16 hours after eating a noon meal. Although laboratory examination of food samples and stool specimens are not yet complete, epidemiologic investigation indicates that improperly refrigerated veal was the probable vehicle of infection.

Mr. G. K. Crowell, New Hampshire Department of Health, has reported 2 outbreaks of gastro-enteritis. The first followed a lunch served to 300 relatives and friends of children attending a camp. Ninety persons became ill 2 hours after the lunch. Excessively high bacteria counts—predominately staphylococci—were found in specimens of potato salad and beef liver paste. However, chicken salad prepared 1 day prior to serving under

Continued on page 8

Table 1. CASES OF SPECIFIED NOTIFIABLE DISEASES: CONTINENTAL UNITED STATES

(Numbers after diseases are category numbers of the Sixth Revision of the International Lists, 1948)

DISEASE	33d WEEK			CUMULATIVE NUMBER						Approximate seasonal low point
	Ended Aug. 21, 1954	Ended Aug. 22, 1953	Median 1949-53	First 33 weeks			Since seasonal low week			
				1954	1953	Median 1949-53	1953-54	1952-53	Median 1948-49 to 1952-53	
Anthrax-----062	-	-	-	14	22	29	(¹)	(¹)	(¹)	(¹)
Botulism-----049.1	-	-	-	8	14	---	(¹)	(¹)	(¹)	(¹)
Brucellosis (undulant fever)-----044	28	41	---	² 1,066	1,157	---	(¹)	(¹)	(¹)	(¹)
Diphtheria-----055	24	50	50	1,063	1,276	2,271	191	224	301	July 1
Encephalitis, infectious-----082	48	28	22	1,017	685	631	(¹)	(¹)	(¹)	(¹)
Hepatitis, infectious, and serum-----092,N998.5 pt.	805	462	---	36,328	21,138	---	(¹)	(¹)	(¹)	(¹)
Malaria-----110-117	28	50	---	437	950	---	(¹)	(¹)	(¹)	(¹)
Measles-----085	1,862	1,087	979	626,268	409,817	466,769	662,360	441,251	496,159	Sept. 1
Meningococcal infections-----057	48	58	55	³ 2,965	3,717	2,871	³ 4,287	4,992	3,950	Sept. 1
Poliomyelitis-----080	2,207	2,250	2,250	⁴ 14,904	15,954	15,954	⁴ 13,353	14,373	14,373	Apr. 1
Psittacosis-----096.2	⁵ 7	-	---	384	35	---	(¹)	(¹)	(¹)	(¹)
Rabies in man-----094	-	2	-	4	5	5	(¹)	(¹)	(¹)	(¹)
Rocky Mountain spotted fever-----104A	12	13	22	220	232	259	(¹)	(¹)	(¹)	(¹)
Scarlet fever and streptococcal sore throat-----050,051	1,353	861	260	111,859	102,546	57,884	4,118	2,939	912	Aug. 1
Smallpox-----084	-	-	1	-	5	13	(¹)	(¹)	(¹)	(¹)
Trichiniasis-----128	2	7	---	173	271	---	(¹)	(¹)	(¹)	(¹)
Tularemia-----059	9	16	16	386	365	445	(¹)	(¹)	(¹)	(¹)
Typhoid fever-----040	71	73	84	1,340	1,392	1,529	931	1,087	1,087	Apr. 1
Typhus fever, endemic-----101	9	4	---	131	166	---	97	126	---	Apr. 1
Whooping cough-----056	1,122	779	1,052	36,610	22,447	38,188	46,367	30,304	48,221	Oct. 1
Rabies in animals-----	79	121	---	4,819	4,936	---	(¹)	(¹)	(¹)	(¹)

¹Information not available or frequencies are too small.

²Addition: Tennessee, week ended August 14, 6 cases.

³Deduction: Georgia, week ended August 7, 1 case.

⁴Deductions: Georgia and Montana, week ended August 7, 1 case each.

⁵North Carolina and Washington, 1 case each; California, 2; and Pennsylvania, 3.

SOURCE AND NATURE OF MORBIDITY DATA

These provisional data are based on reports to the Public Health Service from health departments of each State and Territory and of one possession. They give the total number of cases of certain communicable diseases reported during the week usually ended the preceding Saturday. Cases of anthrax, botulism, psittacosis, rabies in man, and smallpox are not shown

in table 2, but a footnote to table 1 shows the States making the reports. In addition, when diseases of rare occurrence (cholera, dengue, plague, relapsing fever—louse borne, typhus fever—epidemic, and yellow fever) are reported, they will be noted at the end of table 1.

Symbols.—1 dash [-]: no cases reported; 3 dashes [---]: data not available.

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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED AUGUST 22, 1953, AND AUGUST 21, 1954

(By place of occurrence. Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1948)

AREA	BRUCELLSIS (UNDULANT FEVER) (044)		DIPHThERIA (055)		ENCEPHALITIS, INFECTIOUS (082)		HEPATITIS, INFECTIOUS, AND SERUM (092,N998.5 pt.)		MALARIA (110-117)			
									Civilian ¹		Military	
	1954	1953	1954	1953	1954	1953	1954	1953	1954	1953	1954	1953
CONT. UNITED STATES-----	28	41	24	50	48	28	805	462	12	22	16	28
NEW ENGLAND-----	-	1	1	1	3	1	67	21	1	1	-	-
Maine-----	-	-	-	-	-	-	16	3	1	-	-	-
New Hampshire-----	-	-	-	-	-	-	-	3	-	-	-	-
Vermont-----	-	1	-	-	-	-	12	1	-	-	-	-
Massachusetts-----	-	-	1	1	1	1	19	12	-	-	-	-
Rhode Island-----	-	-	-	-	-	-	6	-	-	-	-	-
Connecticut-----	-	-	-	-	2	-	14	2	-	1	-	-
MIDDLE ATLANTIC-----	1	-	2	4	11	7	193	77	1	-	2	5
New York-----	1	-	1	2	11	6	132	63	-	-	1	5
New Jersey-----	-	-	1	1	-	1	10	4	1	-	1	-
Pennsylvania-----	-	-	1	1	-	-	51	10	-	-	-	-
EAST NORTH CENTRAL-----	4	11	-	4	6	3	66	40	1	1	1	1
Ohio-----	-	1	-	-	-	1	13	10	-	-	-	-
Indiana-----	1	-	-	3	-	-	3	13	1	-	-	-
Illinois-----	1	5	-	-	1	1	27	8	-	-	1	1
Michigan-----	-	-	-	1	5	-	18	4	-	-	-	-
Wisconsin-----	2	5	-	-	-	1	5	5	-	1	-	-
WEST NORTH CENTRAL-----	15	15	-	-	4	9	88	68	-	-	-	-
Minnesota-----	3	2	-	-	-	-	32	9	-	-	-	-
Iowa-----	8	10	-	-	-	-	41	15	-	-	-	-
Missouri-----	1	1	-	-	-	-	7	6	-	-	-	-
North Dakota-----	-	-	-	-	-	7	4	3	-	-	-	-
South Dakota-----	3	-	-	-	1	2	-	1	-	-	-	-
Nebraska-----	-	1	-	-	-	-	1	29	-	-	-	-
Kansas-----	-	1	-	-	3	-	3	5	-	-	-	-
SOUTH ATLANTIC-----	3	5	4	18	4	1	68	81	3	1	9	8
Delaware-----	-	-	-	-	-	-	2	-	-	-	-	-
Maryland-----	-	-	-	1	-	-	4	16	-	-	-	-
District of Columbia-----	-	-	-	-	-	-	1	1	-	-	-	-
Virginia-----	1	3	-	-	-	-	33	31	-	-	1	1
West Virginia-----	-	-	-	-	2	-	2	5	-	-	-	-
North Carolina-----	-	-	2	3	-	1	12	16	-	-	7	-
South Carolina-----	1	-	-	8	1	-	5	-	3	1	-	3
Georgia-----	1	2	1	5	1	-	2	3	-	-	1	2
Florida-----	-	-	1	1	-	-	7	9	-	-	-	2
EAST SOUTH CENTRAL-----	1	1	12	16	1	1	140	67	1	1	-	-
Kentucky-----	-	-	-	-	-	-	81	1	-	-	-	-
Tennessee-----	1	-	1	1	1	1	28	10	-	-	-	-
Alabama-----	-	1	10	12	-	-	6	11	1	-	-	-
Mississippi-----	-	-	1	3	-	-	25	45	-	1	-	-
WEST SOUTH CENTRAL-----	4	8	5	6	4	1	60	17	5	13	-	2
Arkansas-----	1	2	1	2	-	-	2	3	-	-	-	-
Louisiana-----	-	-	-	-	-	-	14	-	-	-	-	2
Oklahoma-----	2	-	-	1	2	-	1	1	-	5	-	-
Texas-----	1	6	4	3	2	1	43	13	5	8	-	-
MOUNTAIN-----	-	-	-	-	2	2	28	12	-	-	-	-
Montana-----	-	-	-	-	1	1	2	2	-	-	-	-
Idaho-----	-	-	-	-	-	-	8	4	-	-	-	-
Wyoming-----	-	-	-	-	-	-	3	-	-	-	-	-
Colorado-----	-	-	-	-	1	-	3	6	-	-	-	-
New Mexico-----	-	-	-	-	-	-	1	-	-	-	-	-
Arizona-----	-	-	-	-	-	-	11	-	-	-	-	-
Utah-----	-	-	-	-	-	1	-	-	-	-	-	-
Nevada-----	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC-----	-	-	-	1	13	3	95	79	-	5	4	12
Washington-----	-	-	-	1	-	-	11	20	-	-	2	-
Oregon-----	-	-	-	-	-	2	39	21	-	1	-	-
California-----	-	-	-	-	13	1	45	38	-	4	2	12
Alaska-----	-	-	-	-	-	-	2	7	-	-	-	-
Hawaii-----	-	-	-	-	-	-	-	-	-	-	-	-
Puerto Rico-----	-	-	6	6	-	-	-	2	2	-	-	-

¹Includes cases not specified as civilian or military.

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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED AUGUST 22, 1953, AND AUGUST 21, 1954--Continued

(By place of occurrence. Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1948)

AREA	MEASLES (085)		MENINGO- COCCAL INFECTIONS (057)		POLIOMYELITIS (080)						ROCKY MOUNTAIN SPOTTED FEVER (104A)	
	1954	1953	1954	1953	Total ²		Paralytic (080.0, 080.1)		Nonparalytic (080.2)		1954	1953
					1954	1953	1954	1953	1954	1953		
CONT. UNITED STATES-----	1,862	1,087	48	58	2,207	2,250	810	668	749	734	12	13
NEW ENGLAND-----	243	30	-	2	113	121	35	50	60	48	-	-
Maine-----	17	4	-	1	21	40	10	20	11	18	-	-
New Hampshire-----	10	-	-	-	9	6	-	-	-	-	-	-
Vermont-----	28	4	-	-	4	6	1	5	3	-	-	-
Massachusetts-----	134	10	-	1	67	31	21	14	40	12	-	-
Rhode Island-----	26	1	-	-	4	18	-	9	4	7	-	-
Connecticut-----	28	11	-	-	8	20	3	2	2	11	-	-
MIDDLE ATLANTIC-----	485	151	8	7	222	296	67	81	51	63	-	1
New York-----	269	88	5	2	103	175	39	53	33	35	-	1
New Jersey-----	124	21	-	1	47	59	28	28	18	28	-	-
Pennsylvania-----	92	42	3	4	72	62	-	-	-	-	-	-
EAST NORTH CENTRAL-----	319	254	12	15	529	707	203	145	131	208	3	2
Ohio-----	62	45	7	11	156	207	28	36	18	41	1	2
Indiana-----	14	15	1	2	47	44	24	-	7	-	-	-
Illinois-----	62	40	2	1	132	195	75	42	35	49	2	-
Michigan-----	91	69	2	1	159	212	70	67	68	118	-	-
Wisconsin-----	90	85	-	-	35	49	6	-	3	-	-	-
WEST NORTH CENTRAL-----	57	16	2	2	263	364	95	104	80	107	1	-
Minnesota-----	15	1	-	-	53	193	24	57	15	52	-	-
Iowa-----	22	-	2	-	72	64	31	14	25	42	1	-
Missouri-----	5	3	-	-	40	35	17	11	13	5	-	-
North Dakota-----	9	5	-	-	11	14	-	4	5	1	-	-
South Dakota-----	2	1	-	2	7	12	-	-	4	-	-	-
Nebraska-----	1	-	-	-	36	13	17	4	11	5	-	-
Kansas-----	3	6	-	-	44	33	6	14	7	2	-	-
SOUTH ATLANTIC-----	111	59	5	4	236	232	93	90	86	99	4	7
Delaware-----	2	1	-	-	1	4	-	-	-	-	-	-
Maryland-----	10	7	-	-	9	41	3	19	6	22	-	-
District of Columbia-----	2	1	-	-	6	3	3	3	2	-	-	-
Virginia-----	33	18	1	-	30	64	15	16	12	39	2	4
West Virginia-----	23	-	-	1	16	27	9	13	5	11	-	-
North Carolina-----	15	10	-	-	57	53	24	19	23	16	2	3
South Carolina-----	1	9	2	1	13	13	4	6	7	3	-	-
Georgia-----	3	5	2	-	48	15	20	7	9	6	-	-
Florida-----	22	8	-	2	56	12	14	7	22	2	-	-
EAST SOUTH CENTRAL-----	36	14	3	5	111	81	49	27	30	22	2	2
Kentucky-----	6	3	-	4	47	13	25	2	17	4	1	2
Tennessee-----	11	3	2	-	22	39	4	16	7	11	-	-
Alabama-----	16	1	1	1	17	16	11	9	4	7	-	-
Mississippi-----	3	7	-	-	25	13	9	-	2	-	1	-
WEST SOUTH CENTRAL-----	227	177	11	7	277	130	87	37	109	53	-	1
Arkansas-----	1	11	2	-	17	17	13	12	3	4	-	1
Louisiana-----	-	1	2	1	31	16	18	6	13	10	-	-
Oklahoma-----	7	5	1	-	30	29	5	4	6	8	-	-
Texas-----	219	160	6	6	199	68	51	15	87	31	-	-
MOUNTAIN-----	68	60	3	5	97	105	15	35	19	34	2	-
Montana-----	1	3	1	3	6	15	1	7	4	5	-	-
Idaho-----	5	5	1	2	7	3	-	-	-	-	1	-
Wyoming-----	1	6	-	-	15	7	2	4	1	-	-	-
Colorado-----	9	18	1	-	23	15	8	8	9	6	-	-
New Mexico-----	19	6	-	-	8	5	1	-	1	-	-	-
Arizona-----	30	5	-	-	7	53	3	16	4	23	-	-
Utah-----	3	17	-	-	22	3	-	-	-	-	1	-
Nevada-----	-	-	-	-	9	4	-	-	-	-	-	-
PACIFIC-----	316	326	4	11	359	214	166	99	183	100	-	-
Washington-----	34	47	-	-	16	12	6	-	6	-	-	-
Oregon-----	23	47	-	-	18	10	10	8	3	1	-	-
California-----	259	232	4	11	325	192	150	91	174	99	-	-
Alaska-----	3	157	1	-	19	-	5	-	14	-	-	-
Hawaii-----	11	2	-	-	3	-	-	-	3	-	-	-
Puerto Rico-----	76	13	1	1	-	-	-	-	-	-	-	-

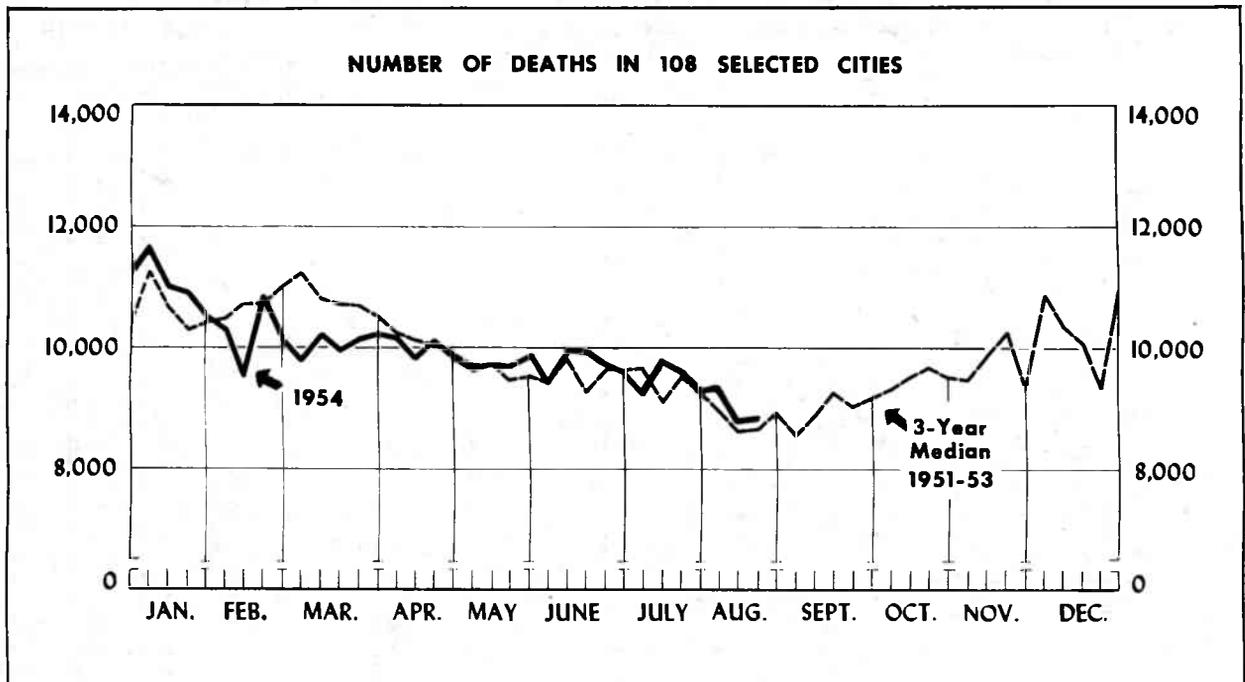
²Includes cases not specified by type, category number (080.3).

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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED AUGUST 22, 1953, AND AUGUST 21, 1954—Continued
(By place of occurrence. Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1948)

AREA	SCARLET FEVER AND STREPTOCOCCAL SORE THROAT (050, 051)		TRICHI- NIASIS (128)	TULAREMIA (059)		TYPHOID FEVER (040)		TYPHUS FEVER, ENDEMIC (101)	WHOOPING COUGH (056)		RABIES IN ANIMALS	
	1954	1953	1954	1954	1953	1954	1953	1954	1954	1953	1954	1953
CONT. UNITED STATES-----	1,353	861	2	9	16	71	73	9	1,122	779	79	121
NEW ENGLAND-----	24	20	-	-	-	4	-	-	99	66	-	-
Maine-----	1	1	-	-	-	1	-	-	7	1	-	-
New Hampshire-----	1	-	-	-	-	1	-	-	5	6	-	-
Vermont-----	1	-	-	-	-	-	-	-	4	4	-	-
Massachusetts-----	13	13	-	-	-	2	-	-	34	41	-	-
Rhode Island-----	3	-	-	-	-	-	-	-	15	-	-	-
Connecticut-----	5	6	-	-	-	-	-	-	34	14	-	-
MIDDLE ATLANTIC-----	45	53	-	-	-	9	8	-	185	198	6	13
New York-----	34	18	-	-	-	5	4	-	95	104	6	12
New Jersey-----	6	12	-	-	-	1	1	-	37	59	-	-
Pennsylvania-----	5	3	-	-	-	3	3	-	53	35	-	1
EAST NORTH CENTRAL-----	103	68	-	1	2	2	12	-	279	201	10	27
Ohio-----	9	-	-	-	-	1	1	-	40	43	2	2
Indiana-----	40	15	-	-	-	-	3	-	30	22	5	14
Illinois-----	25	11	-	1	2	-	4	-	51	29	1	4
Michigan-----	18	12	-	-	-	1	3	-	122	82	-	4
Wisconsin-----	11	30	-	-	-	-	1	-	36	25	2	3
WEST NORTH CENTRAL-----	17	23	-	-	3	5	4	-	39	23	16	8
Minnesota-----	12	5	-	-	-	-	-	-	19	10	3	3
Iowa-----	2	-	-	-	-	3	1	-	4	3	7	1
Missouri-----	1	-	-	-	2	1	3	-	10	5	3	4
North Dakota-----	-	6	-	-	-	-	-	-	6	-	1	-
South Dakota-----	1	4	-	-	-	-	-	-	-	-	-	-
Nebraska-----	1	4	-	-	-	-	-	-	-	3	2	-
Kansas-----	-	4	-	-	1	1	-	-	-	2	-	-
SOUTH ATLANTIC-----	93	146	-	-	-	9	11	4	158	56	18	20
Delaware-----	1	-	-	-	-	-	-	-	-	1	-	-
Maryland-----	5	-	-	-	-	-	1	-	22	23	-	-
District of Columbia-----	1	1	-	-	-	-	-	-	1	5	-	-
Virginia-----	68	92	-	-	-	4	1	-	43	3	2	6
West Virginia-----	2	3	-	-	-	-	6	-	35	1	5	2
North Carolina-----	7	14	-	-	-	1	-	-	38	13	2	3
South Carolina-----	6	2	-	-	-	-	-	4	10	5	6	2
Georgia-----	-	25	-	-	-	3	3	-	5	1	3	7
Florida-----	3	9	-	-	-	1	-	-	4	4	-	-
EAST SOUTH CENTRAL-----	27	18	-	3	2	11	5	2	55	24	5	25
Kentucky-----	12	4	-	-	-	4	2	-	25	5	3	3
Tennessee-----	9	9	-	1	2	2	1	-	13	6	1	6
Alabama-----	4	2	-	-	-	2	2	2	11	5	1	9
Mississippi-----	2	3	-	2	-	3	-	-	6	8	-	7
WEST SOUTH CENTRAL-----	689	479	-	3	3	25	21	3	121	123	23	22
Arkansas-----	48	28	-	-	1	6	5	-	8	45	3	2
Louisiana-----	-	1	-	-	-	1	2	1	2	1	-	-
Oklahoma-----	8	6	-	1	1	4	-	-	4	10	2	-
Texas-----	633	444	-	2	1	14	14	2	107	67	18	20
MOUNTAIN-----	282	27	-	2	6	4	8	-	41	27	-	3
Montana-----	6	1	-	-	-	-	-	-	-	10	-	-
Idaho-----	1	6	-	-	-	2	1	-	12	2	-	-
Wyoming-----	4	7	-	1	5	-	1	-	1	-	-	-
Colorado-----	6	2	-	-	-	-	1	-	-	2	-	-
New Mexico-----	-	2	-	-	-	2	2	-	-	9	-	2
Arizona-----	227	3	-	-	-	-	3	-	14	-	-	1
Utah-----	38	6	-	1	1	-	-	-	14	4	-	-
Nevada-----	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC-----	73	47	2	-	-	2	4	-	145	61	1	3
Washington-----	9	5	-	-	-	1	-	-	13	2	-	-
Oregon-----	8	15	-	-	-	-	-	-	11	21	-	-
California-----	56	27	2	-	-	1	4	-	121	38	1	3
Alaska-----	1	-	-	-	-	-	-	-	-	-	-	-
Hawaii-----	-	-	-	-	-	-	-	-	-	-	-	-
Puerto Rico-----	-	-	-	-	-	-	-	-	12	7	-	1



The chart shows the number of deaths reported for 108 major cities of the United States by week for the current year, and, for comparison, the median of the number of deaths reported for the corresponding weeks of the 3 previous calendar years. (The median is the central one of the three values arranged in order of magnitude.) If a report is not received from a city in time to be included in the total for the current week, an estimate is made to maintain comparability for graphic presentation.

The figures reported represent the number of death certificates received in the vital statistics offices during the week indicated, for deaths occurring in that city. Figures compiled in this way, by week of receipt, usually approximate closely the number of deaths occurring during the week. However, differences are to be expected because of variations in the interval between

death and receipt of the certificate.

While week-to-week changes in the total number of deaths reported for all major cities generally represent a change in mortality conditions, this may not be true for variations in weekly figures for each city. For example, in a city where 50 deaths are the weekly average, the number of deaths occurring in a week may be expected to vary by chance alone from 36 to 64 ($d \pm 2\sqrt{d}$, where d represents the average number of deaths per week).

The number of deaths in cities of the same size may also differ because of variations in the age, race, and sex composition of their populations, and because some cities are hospital centers serving the surrounding areas. Changes from year to year in the number of deaths may be due in part to population increases or decreases.

Table 3. DEATHS IN SELECTED CITIES BY GEOGRAPHIC DIVISION

(By place of occurrence, and week of filing certificate. Exclusive of fetal deaths)

AREA	33d week ended Aug. 21, 1954	32d week ended Aug. 14, 1954	33d week median 1951-53	Percent change, median to current week	CUMULATIVE NUMBER FOR FIRST 33 WEEKS		
					1954	1953	Percent change
TOTAL: 105 REPORTING CITIES-----	8,745	8,690	8,539	+2.4	324,901	334,866	-3.0
New England----- (14 cities)	596	573	589	+1.2	21,595	22,152	-2.5
Middle Atlantic----- (17 cities)	2,530	2,565	2,460	+2.8	95,857	99,455	-3.6
East North Central----- (18 cities)	1,951	1,835	1,846	+5.7	71,496	73,825	-3.2
West North Central----- (8 cities)	610	631	603	+1.2	23,764	24,700	-3.8
South Atlantic----- (9 cities)	721	632	663	+8.7	25,075	25,973	-3.5
East South Central----- (8 cities)	386	440	428	-9.8	15,229	15,719	-3.1
West South Central----- (12 cities)	716	694	736	-2.7	25,157	25,459	-1.2
Mountain----- (7 cities)	167	174	174	-4.0	6,237	6,766	-7.8
Pacific----- (12 cities)	1,068	1,146	1,067	+0.1	40,491	40,817	-0.8

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Table 4. DEATHS IN SELECTED CITIES FOR WEEK ENDED AUGUST 21, 1954

(By place of occurrence, and week of filing certificate. Exclusive of fetal deaths)

CITY	33d week ended	32d week ended	CUMULATIVE NUMBER FOR FIRST 33 WEEKS		CITY	33d week ended	32d week ended	CUMULATIVE NUMBER FOR FIRST 33 WEEKS	
	Aug. 21, 1954	Aug. 14, 1954	1954	1953		Aug. 21, 1954	Aug. 14, 1954	1954	1953
NEW ENGLAND					WEST NORTH CENTRAL—Con.				
Boston-----	196	201	7,235	7,405	St. Louis-----	215	204	7,791	8,217
Bridgeport-----	32	27	1,160	1,122	St. Paul-----	53	60	2,115	2,073
Cambridge-----	20	27	913	913	Wichita-----	40	34	1,464	1,359
Fall River-----	19	29	920	936	SOUTH ATLANTIC				
Hartford-----	48	45	1,487	1,509	Atlanta-----	127	77	3,474	3,494
Lowell-----	22	19	896	830	Baltimore-----	178	165	7,113	7,516
Lynn-----	18	14	712	737	Charlotte-----	15	22	966	953
New Bedford-----	21	19	739	772	Jacksonville-----	(48)	(51)	(1,657)	---
New Haven-----	38	32	1,414	1,446	Miami-----	88	72	2,191	2,024
Providence-----	60	52	1,949	1,971	Norfolk-----	17	18	970	1,076
Somerville-----	15	12	461	516	Richmond-----	67	59	2,082	2,150
Springfield, Mass.-----	39	38	1,281	1,292	Savannah-----	---	(27)	---	---
Waterbury-----	18	18	794	871	Tampa-----	57	46	1,761	1,780
Worcester-----	50	40	1,634	1,832	Washington, D. C.-----	142	150	5,450	5,887
MIDDLE ATLANTIC					EAST SOUTH CENTRAL				
Albany-----	58	43	1,479	1,495	Birmingham-----	54	62	2,461	2,440
Allentown-----	(26)	(32)	(1,105)	---	Chattanooga-----	32	37	1,448	1,547
Buffalo-----	68	125	4,470	4,733	Knoxville-----	27	23	1,109	1,082
Camden-----	41	27	1,214	1,200	Louisville-----	97	108	3,543	3,499
Elizabeth-----	32	35	939	889	Memphis-----	67	122	3,158	3,472
Erie-----	23	39	1,130	1,132	Mobile-----	41	34	1,045	1,031
Jersey City-----	62	48	2,256	2,277	Montgomery-----	23	16	837	910
Newark, N. J.-----	59	96	3,200	3,445	Nashville-----	45	38	1,628	1,738
New York City-----	1,331	1,279	50,330	52,162	WEST SOUTH CENTRAL				
Paterson-----	34	32	1,259	1,279	Austin-----	28	23	853	860
Philadelphia-----	425	431	15,338	15,987	Baton Rouge-----	14	15	704	481
Pittsburgh-----	153	157	5,321	5,707	Corpus Christi-----	---	(18)	---	(582)
Reading-----	(18)	(14)	(671)	---	Dallas-----	86	79	3,258	3,169
Rochester, N. Y.-----	78	95	2,982	3,133	El Paso-----	24	20	895	925
Schenectady-----	34	26	804	777	Fort Worth-----	62	53	1,821	1,945
Scranton-----	(38)	(23)	(1,122)	---	Houston-----	113	102	3,981	4,172
Syracuse-----	45	36	1,771	1,772	Little Rock-----	31	37	1,377	1,429
Trenton-----	40	45	1,477	1,558	New Orleans-----	156	151	4,895	5,315
Utica-----	20	30	1,000	1,045	Oklahoma City-----	56	47	1,974	1,832
Yonkers-----	27	21	887	864	San Antonio-----	71	83	2,572	2,747
EAST NORTH CENTRAL					MOUNTAIN				
Akron-----	45	47	1,818	1,929	Albuquerque-----	24	29	864	888
Canton-----	20	23	935	916	Colorado Springs-----	9	7	385	451
Chicago-----	628	612	23,715	24,489	Denver-----	82	91	3,355	3,617
Cincinnati-----	136	119	4,619	4,832	Ogden-----	11	15	359	415
Cleveland-----	164	151	6,546	6,708	Phoenix-----	20	20	702	777
Columbus-----	89	84	3,312	3,456	Pueblo-----	12	10	439	449
Dayton-----	64	52	2,084	2,059	Salt Lake City-----	(44)	---	---	(1,442)
Detroit-----	270	247	10,179	10,452	Tucson-----	9	2	133	169
Evansville-----	32	18	994	1,097	PACIFIC				
Flint-----	37	35	1,232	1,219	Berkeley-----	21	18	586	549
Fort Wayne-----	34	21	861	995	Long Beach-----	43	43	1,598	1,548
Gary-----	(23)	(31)	(819)	---	Los Angeles-----	368	432	14,449	14,690
Grand Rapids-----	37	28	1,262	1,294	Oakland-----	85	85	3,027	3,124
Indianapolis-----	108	109	3,668	3,689	Pasadena-----	26	27	1,101	1,125
Milwaukee-----	106	122	4,026	4,066	Portland, Oreg.-----	74	101	3,248	3,336
Peoria-----	36	28	1,002	1,024	Sacramento-----	46	25	1,519	1,573
South Bend-----	21	16	746	790	San Diego-----	57	66	2,365	2,339
Toledo-----	85	78	2,930	3,034	San Francisco-----	168	160	6,005	6,277
Youngstown-----	39	45	1,567	1,776	Seattle-----	110	113	4,000	3,797
WEST NORTH CENTRAL					WEST NORTH CENTRAL—Con.				
Des Moines-----	37	61	1,660	1,641	St. Louis-----	215	204	7,791	8,217
Duluth-----	13	32	886	895	St. Paul-----	53	60	2,115	2,073
Kansas City, Kans.-----	---	(21)	---	(1,137)	Wichita-----	40	34	1,464	1,359
Kansas City, Mo.-----	104	96	4,052	4,122	SOUTH ATLANTIC				
Minneapolis-----	95	83	3,751	4,249	Atlanta-----	127	77	3,474	3,494
Omaha-----	53	61	2,045	2,164	Baltimore-----	178	165	7,113	7,516
WEST NORTH CENTRAL					EAST SOUTH CENTRAL				
WEST NORTH CENTRAL					MOUNTAIN				
WEST NORTH CENTRAL					PACIFIC				

Symbols.—parentheses [()]: data not included in table 3; 3 dashes [---]: data not available.

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unsanitary conditions was considered to be the main vehicle of infection. The second outbreak followed a banquet at a camp in which 21 of 39 campers became ill with cramps and diarrhea. Only one specimen of turkey, the suspected vehicle, was available for laboratory examination. This showed a high bacterial count, predominately staphylococci.

Dr. Milton Tully, New York State District Health Officer, has reported an outbreak of gastro-enteritis following a picnic. Ten of 62 boys became ill 1 to 2 hours after eating. No food except milk was available for laboratory examination, but potato

salad was considered as a possible vehicle of infection.

Dr. C. B. Tucker, Tennessee Department of Public Health, has reported an outbreak of gastro-enteritis following a picnic. Approximately 1,300 persons attended and 825 became ill 3 to 22 hours after eating. Histories were obtained from 337 persons who attended the picnic. Tabulations of foods eaten indicated that potato salad was the vehicle of infection. The clinical and epidemiological picture was that of salmonellosis, although stool specimens were negative and no food was available for examination.

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